



PTO/SB/31 (05-03)

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/776,568
Filing Date	February 2, 2001
First Named Inventor	Elliot R. Ramberg
Title	Methods and . . . Disease
Art Unit	1634
Examiner Name	Frank W. M. Lu
Attorney Docket Number	030323

I hereby appoint:

☐ Practitioners at Customer Number

OR

☒ Practitioner(s) named below:

Name	Registration Number
Craig G. Cochenour	33,666
George P. Baier	26,717
Michael L. Dever	32,216
Lynn J. Alstadt	29,362

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number.

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Buchanan Ingersoll, P.C.				
Address	One Oxford Centre, 20th Floor				
Address	301 Grant Street				
City	Pittsburgh	State	PA	Zip	15219
Country	USA				
Telephone	412-562-3978	Fax	412-562-1041		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Martin M. Munzer		
Signature			
Date	May 15, 2003	Telephone	954-741-7077

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/98 (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Elliot R. RambergApplication No./Patent No.: 09/776,568 Filed/Issue Date: February 2, 2001Entitled: Methods and Compositions for Detection of Disease

Cygene, Inc. a Corporation
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
 The extent (by percentage) of its ownership interest is _____ %
 in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011976 Frame 0127 or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

May 15, 2003

Date

954-741-7077

Telephone number

Martin Munzer

Typed or printed name

Signature

President and CEO

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 20, 2001

PTAS

KILPATRICK STOCKTON LLP
MARY ANTHONY MERCHANT, PH.D.
1100 PEACHTREE STREET
SUITE 2800
ATLANTA, GEORGIA 30309



101781492A

SEP 24 2001

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/12/2001

REEL/FRAME: 011976/0127
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RAMBERG, ELLIOT R.

DOC DATE: 06/20/2001

ASSIGNEE:

CYGENE, INC.
5027 HIATUS ROAD
SUNRISE, FLORIDA 33351

SERIAL NUMBER: 09776568

FILING DATE: 02/02/2001

PATENT NUMBER:

ISSUE DATE:

0303-0202
42897/252947

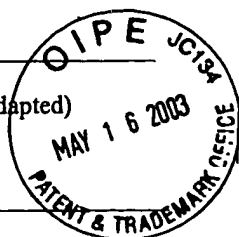
MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
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ENTERED COMPUTER

Q1 9/25/2001 SVS

252947



07-18-2001



101781492

U.S. DEPARTMENT OF COMMERCE
Patent & Trademark Office
R SHEET

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **7-12-01**
Elliot R. Ramberg

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution date(s) of each conveying party:
June 20, 2001

2. Name and Address of receiving party(ies):

Name: **Cygene, Inc.**

Address: **5027 Hiatus Road**

City: **Sunrise**

State: **Florida**

Zip: **33351**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4(a). Patent Application No.(s): **09/776,568**

Patent No.(s):

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: **Mary Anthony Merchant, Ph.D.**
Address: **KILPATRICK STOCKTON LLP**
1100 Peachtree Street
Suite 2800
Atlanta, Georgia 30309

6. Total number of applications and patents involved: **1**

7. Total fee (37 C.F.R. §3.41) enclosed: **\$40.00**

DO NOT USE THIS SPACE

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

I certify that this correspondence is being deposited with the United States Postal Service as first class mail in an addressed to: Box Assignments, Commissioner of Patents & Trademarks, Washington, DC 20231, on the date given below.

Mary Anthony Merchant, Ph.D.
Name of Person Signing

Date: July 9, 2001

Total number of pages including cover sheet: **3**

Attorney Docket No. 03038-0243
(42892-252947)

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks
Box Assignments
Washington, DC 20231

07/18/2001 DBYRME 00000222 09776568

01 FC:581

40.00 OP

ASSIGNMENT

WHEREAS, I, **ELLIOT R. RAMBERG**, a citizen of the United States of America, residing at 10340 Avenida Del Rio, Del Ray Beach, Florida 33446, have invented certain inventions and improvements disclosed in an application for Letters Patent entitled "**METHODS AND COMPOSITIONS FOR DETECTION OF DISEASE**" filed in the U.S. Patent & Trademark Office on February 2, 2001, and assigned Serial No. 09/776,568; and

WHEREAS, **CYGENE, INC.**, a corporation of the State of Florida, having a principal place of business at 5027 Hiatus Road, Sunrise, Florida 33351, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, **ELLIOT R. RAMBERG**, by these presents do sell, assign and transfer unto **CYGENE, INC.**, the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to **CYGENE, INC.**, as the assignee, for its interest and for the sole use and benefit of **CYGENE, INC.**, and its assigns and legal representatives;

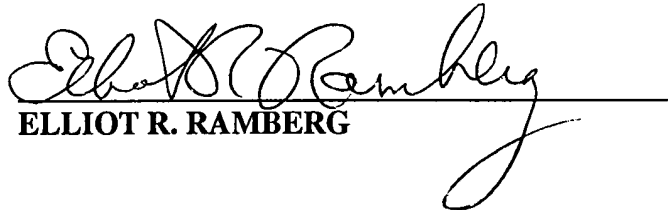
For the same consideration, I, by these presents do sell, assign, and transfer to **CYGENE, INC.**, the full, exclusive, and entire right, title and interest in and to any foreign

application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **CYGENE, INC.**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **CYGENE, INC.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

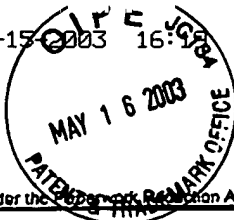
Dated:

6/20/01


ELLIOT R. RAMBERG

Our Docket: 03038-0243 (42892-252947)

45434

PTO/SB/82 (05-03)
Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/776,568
Filing Date	February 2, 2001
First Named Inventor	Elliot R. Ramberg
Art Unit	1634
Examiner Name	Frank W.M. Lu
Attorney Docket Number	030323

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A power of Attorney or Authorization of Agent is submitted herewith.

OR

☐ Please change the correspondence address for the above-identified application to:

☐ Customer Number



Place Customer
Number Bar Code
Label here

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City					
Country		State		Zip	
Telephone		Fax			

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name	Martin Munzer		
Signature			
Date	May 15, 2003	Telephone	954 741-7077

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

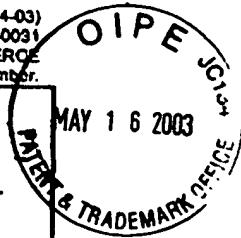
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PTO/SB/96 (04-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Elliot R. RambergApplication No./Patent No.: 09/776,568 Filed/Issue Date: February 2, 2001Entitled: Methods and Compositions for Detection of Disease

Cygene, Inc., a Corporation
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
 The extent (by percentage) of its ownership interest is _____ %
 in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011976, Frame 0127, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.


☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

May 15, 2003
 Date
954-741-7077
 Telephone number

Martin Munzer
 Typed or printed name

 Signature
President and CEO
 Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 20, 2001

PTAS



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KILPATRICK STOCKTON LLP
MARY ANTHONY MERCHANT, PH.D.
1100 PEACHTREE STREET
SUITE 2800
ATLANTA, GEORGIA 30309

SEP 24 2001

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 07/12/2001

REEL/FRAME: 011976/0127
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RAMBERG, ELLIOT R.

DOC DATE: 06/20/2001

ASSIGNEE:

CYGENE, INC.
5027 HIATUS ROAD
SUNRISE, FLORIDA 33351

SERIAL NUMBER: 09776568

FILING DATE: 02/02/2001

PATENT NUMBER:

ISSUE DATE:

0308-0202
42892/252947

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

SCANNED
DATABASE
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9/24

ENTERED COMPUTER

9/25/2001 SVS

252947

07-18-2001



101781492

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **7-12-01**
Elliot R. Ramberg

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution date(s) of each conveying party:
June 20, 2001

2. Name and Address of receiving party(ies):

Name: **Cygene, Inc.**

Address: **5027 Hiatus Road**

City: **Sunrise**

State: **Florida**

Zip: **33351**



Additional name(s) & address(es) attached? ☐ Yes ☒ No

4(a). Patent Application No.(s): **09/776,568**

Patent No.(s):

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: **Mary Anthony Merchant, Ph.D.**
Address: **KILPATRICK STOCKTON LLP**
1100 Peachtree Street
Suite 2800
Atlanta, Georgia 30309

6. Total number of applications and patents involved: **1**

7. Total fee (37 C.F.R. §3.41) enclosed: **\$40.00**

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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

I certify that this correspondence is being deposited with the United States Postal Service as first class mail in an addressed to: Box Assignments, Commissioner of Patents & Trademarks, Washington, DC 20231, on the date given below.

Mary Anthony Merchant, Ph.D.
Name of Person Signing

Signature

Date: **July 9, 2001**

Total number of pages including cover sheet: **3**

Attorney Docket No. **03038-0243**
(42892-252947)

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks
Box Assignments
Washington, DC 20231

07/18/2001 DBYRNE 00000222 09776568

01 FC:581

40.00 OP

ASSIGNMENT

WHEREAS, I, **ELLIOT R. RAMBERG**, a citizen of the United States of America, residing at 10340 Avenida Del Rio, Del Ray Beach, Florida 33446, have invented certain inventions and improvements disclosed in an application for Letters Patent entitled "**METHODS AND COMPOSITIONS FOR DETECTION OF DISEASE**" filed in the U.S. Patent & Trademark Office on February 2, 2001, and assigned Serial No. 09/776,568; and

WHEREAS, **CYGENE, INC.**, a corporation of the State of Florida, having a principal place of business at 5027 Hiatus Road, Sunrise, Florida 33351, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, **ELLIOT R. RAMBERG**, by these presents do sell, assign and transfer unto **CYGENE, INC.**, the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to **CYGENE, INC.**, as the assignee, for its interest and for the sole use and benefit of **CYGENE, INC.**, and its assigns and legal representatives;

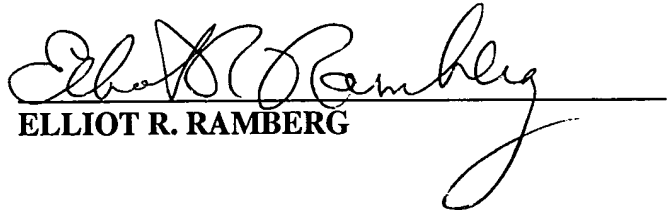
For the same consideration, I, by these presents do sell, assign, and transfer to **CYGENE, INC.**, the full, exclusive, and entire right, title and interest in and to any foreign

application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **CYGENE, INC.**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **CYGENE, INC.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Dated:

6/20/01


ELLIOT R. RAMBERG

Our Docket: 03038-0243 (42892-252947)

45434